

2 Way-0° Power Splitter/Combiner Z99SC-ED11451/1

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)		AMP. UNBAL. (dB)	ISOLATION (dB) 1-2	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
0.2	3.21	3.21	0.00	20.85	0.06	0.2	1.29	1.53	1.53
0.3	3.20	3.20	0.00	23.97	0.06	0.3	1.19	1.33	1.33
0.4	3.19	3.19	0.00	26.04	0.02	0.4	1.15	1.25	1.25
0.5	3.20	3.19	0.00	27.49	0.01	0.5	1.12	1.20	1.20
0.6	3.20	3.20	0.00	28.51	0.04	0.6	1.11	1.17	1.17
0.7	3.19	3.20	0.00	29.28	0.04	0.7	1.10	1.15	1.15
0.8	3.20	3.20	0.00	29.86	0.01	0.8	1.09	1.14	1.14
0.9	3.20	3.20	0.00	30.34	0.04	0.9	1.09	1.13	1.13
1.0	3.20	3.20	0.00	30.70	0.01	1.0	1.08	1.12	1.12
3.0	3.16	3.16	0.00	34.38	0.04	3.0	1.06	1.06	1.07
5.0	3.15	3.15	0.00	35.56	0.04	5.0	1.05	1.05	1.05
7.0	3.15	3.14	0.00	35.87	0.06	7.0	1.05	1.04	1.04
9.0	3.16	3.16	0.00	35.87	0.10	9.0	1.05	1.04	1.04
11.0	3.16	3.15	0.00	35.68	0.07	11.0	1.05	1.04	1.04
14.0	3.16	3.16	0.00	35.35	0.06	14.0	1.05	1.04	1.04
15.0	3.16	3.16	0.00	35.20	0.08	15.0	1.05	1.04	1.04
16.0	3.16	3.15	0.00	35.04	0.11	16.0	1.05	1.04	1.04
45.0	3.19	3.19	0.01	30.95	0.18	45.0	1.07	1.04	1.04
74.0	3.22	3.22	0.00	27.92	0.40	74.0	1.09	1.04	1.04
103.0	3.24	3.23	0.01	25.66	0.60	103.0	1.12	1.04	1.04
132.0	3.28	3.27	0.01	23.87	0.77	132.0	1.15	1.04	1.04
161.0	3.30	3.29	0.01	22.35	0.96	161.0	1.19	1.04	1.05
190.0	3.33	3.32	0.01	21.09	1.18	190.0	1.22	1.04	1.05
219.0	3.38	3.35	0.02	20.00	1.31	219.0	1.25	1.05	1.06
248.0	3.42	3.39	0.02	19.05	1.46	248.0	1.29	1.06	1.07
277.0	3.45	3.42	0.03	18.20	1.58	277.0	1.33	1.06	1.07
306.0	3.50	3.46	0.04	17.45	1.75	306.0	1.37	1.07	1.08
350.0	3.57	3.52	0.05	16.43	2.00	350.0	1.43	1.09	1.09
375.0	3.62	3.56	0.06	15.91	2.18	375.0	1.46	1.10	1.11
400.0	3.68	3.61	0.06	15.44	2.29	400.0	1.50	1.12	1.12
425.0	3.71	3.64	0.07	15.00	2.36	425.0	1.54	1.13	1.13
450.0	3.75	3.67	0.09	14.58	2.54	450.0	1.57	1.15	1.14
475.0	3.83	3.72	0.11	14.23	2.71	475.0	1.61	1.16	1.15
500.0	3.88	3.76	0.12	13.86	2.75	500.0	1.65	1.18	1.17
525.0	3.90	3.80	0.10	13.49	2.88	525.0	1.70	1.20	1.18
550.0	3.97	3.85	0.12	13.19	3.08	550.0	1.74	1.21	1.19
575.0	4.05	3.93	0.12	12.92	3.14	575.0	1.79	1.24	1.21
600.0	4.09	3.97	0.12	12.61	3.30	600.0	1.83	1.26	1.23
625.0	4.14	4.01	0.13	12.33	3.48	625.0	1.88	1.28	1.25
650.0	4.24	4.08	0.16	12.14	3.50	650.0	1.93	1.30	1.27

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2

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